

~~CONFIDENTIAL~~

Approved For Release 2000/08/17 : CIA-RDP61S00527A000100030089-7

1. Use of prestressed concrete in the USSR
  - a. periods: 1951-55; 1956-57
  - b. measures: cubic meters used; value of prestressed concrete used; percentage of prestressed concrete in total or precast concrete production
  - c. types of construction for which prestressed concrete has been used, and the relative amount of each (industrial buildings; bridges; railroad ties; other types)
2. Goal for the use of prestressed concrete
  - a. What is the long-range goal for the use of prestressed concrete? (1960, or any other year, in terms of cubic meters, value, and percentage in total production of precast concrete)
  - b. What are the trends in the use of prestressed concrete for the various types of construction?
  - c. What are the prospects that the goal will be attained?
3. Cost of producing prestressed concrete
  - a. Total cost of selected products (beams; slabs; poles)
  - b. Breakdown of costs (labor; materials; other costs)
  - c. Cost-price relationship
  - d. Investment cost per unit of capacity
  - e. Comparison of prestressed concrete with other products (structural steel, precast concrete, wood) which would be suitable for the same type of construction
    - a. Materials used in manufacture (especially steel)
    - b. Production cost
    - c. Unit cost of finished construction
    - d. Man-hours required in erection
    - e. Over-all evaluation of the economy of prestressed concrete (in terms of monetary and materials savings)

~~CONFIDENTIAL~~

Approved For Release 2000/08/17 : CIA-RDP61S00527A000100030089-7

~~CONFIDENTIAL~~

5. Practices in the production of prestressed concrete
  - a. Grade and type of cement used
  - b. Length of time the prestressed unit remains in the mold
  - c. Time required for curing after removal from the mold
6. Problems in expanding the production of prestressed concrete
  - a. How does actual production compare with the anticipated capacity of new plants?
  - b. How do actual costs compare with originally estimated costs?
  - c. What obstacles have arisen from the lack of trained personnel?
  - d. What limitations on production have been experienced? (shortages of cement, steel, plant capacity)
  - e. Are any such limitations foreseen for the next two years?

~~CONFIDENTIAL~~